

USCMS Engineer Status Report for September 2004

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1 Work Performed This Month

First, I want to apologize for submitting the report so late. I was busy with too many things lately.

1. POOL+Globus RLS work

(1). Helped Robert from ISI with various issues when using scram with POOL; (2). Built and installed Robert's New Globus RLS with GUID support; (3). Wrote/modified the standard POOL unit test program to test Robert's implementation of GTCatalog class which connects with the Globus RLS with POOL. Spend some time to debug it. (4). Wrote a draft test plan on testing POOL with Globus RLS backend.

2. gLite work

Worked with Nate from Wisconsin on this project. (1). We spent quite some time to work on transferring files to Wisconsin. There were a lot of issues initially during the transfer. They were solved one by one. (2). With the help of Jerry and Robert, I selected a dataset and able to run application with it. Nate and I late transferred the dataset to Wisconsin.

3. Data transfer

(1). Continued the data transfer using TMDB V1; (2). Worked with Timur, Olof Barring from cern on debugging the stager of CERN SRM server; (2). Helped Nikolai Terentiev with EMU testbeam data transfer;

4. Other work: (1). Spent some time to learn how to run new version of ORCA hit and digitization at UAF; (2). Conducted some performance tests on POOL with MySQL backend and EDG RLS backend;

2 Status of Deliverables

1. Finished the unitTest program of POOL with Globus RLS backend; 2. Finished the planning document on testing POOL with Globus RLS backend;

3 Plans For Next Month

1. Continue the work on gLite to be able to run application at Wisconsin using the shipped data from Fermilab; 2. Finish the test on POOL using Globus RLS before CPT week; 3. Modify and/or adopt the script for TMDB V2;

4 Longer Term Plans

Need talk with the management.

5 Resources Needed

No.

6 Links To Supporting Documentation

- N/A.